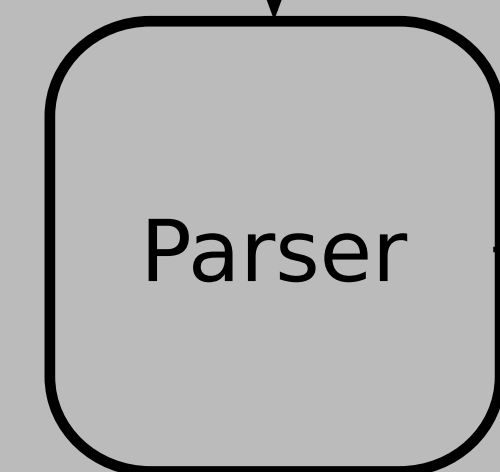


# Mapping model

Intermediate Format  
Java data structure

## Compilation step I



*Front End*

$G=(O,E)$

Scheduling  
analysis

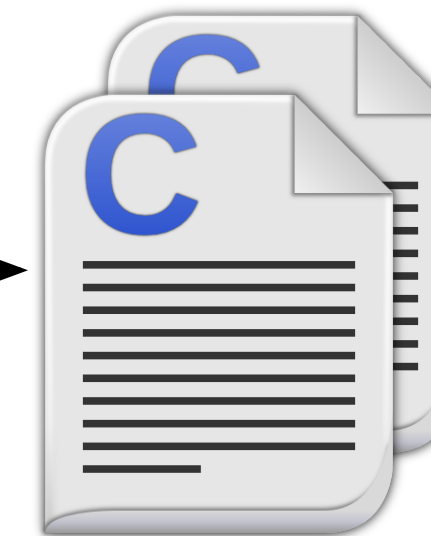
$G'=(O',E')$

Memory  
allocation

$G''=(O'',E'')$

C code  
generator  
with MECs

*Back End*

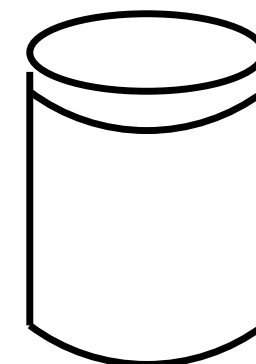


*C files, Makefile*

## Compilation step II

Commercial  
compiler  
e.g., gcc

**Executable control code**



API data structures  
and code snippets  
(platform dependent)